

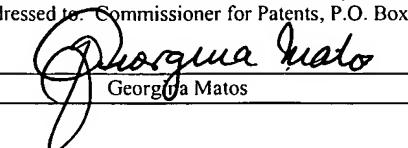
PATENT
Docket No. 543312000420

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Georgia Matos

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Ravinder S. DHALLAN

Serial No.: 10/661,165

Filing Date: September 11, 2003

For: METHODS FOR DETECTION OF
GENETIC DISORDERS

Examiner: E. Whisenant

Group Art Unit: 1634

**COMMUNICATION AND STATEMENT TO SUPPORT FILING AND SUBMISSION IN
ACCORDANCE WITH 37 C.F.R. §§ 1.821-1.825**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

A Sequence Listing containing 628 sequences was previously filed on March 5, 2004, in the above-identified application. It was later discovered that some sequences in the specification and figures of the application were inadvertently omitted from the filed Sequence Listing. To correct this inadvertent omission, in accordance with 37 C.F.R. §§ 1.825(a) and 1.825(b), Applicant now provides the Examiner with the substitute Sequence Listing enclosed herewith (substitute sheets of the paper copy of the Sequence Listing, as well as a substitute copy of the computer readable form), in which SEQ ID NOS: 629-711 have been added, for consideration and entry.

Please replace the paper copy of the Sequence Listing filed on March 5, 2004, with the substitute sheets of the paper copy of the Sequence Listing provided with this communication.

Pursuant to 37 C.F.R. § 1.77, please enter the attached substitute paper copy of the Sequence Listing after the Abstract of the specification.

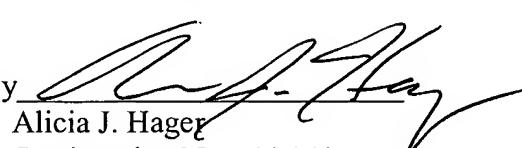
The undersigned hereby states that the substitute sheets of the Sequence Listing submitted herewith contain no new matter. All amendments contained in the substitute sheets of the Sequence Listing are supported in the application as originally filed. For instance, support for SEQ ID NOS: 629-666 is found at paragraphs 1083-1086, 1145, 1151, 1182, 1185, 1189-1192, 1220, 1264, 1303, 1304 and 1307 of the specification as originally filed. Support for SEQ ID NOS: 667-711 is found in the originally-filed figures 4A-8D of the application.

Pursuant to 37 C.F.R. § 1.825(b), Applicant also provides a diskette containing the computer readable form of the substitute sheets of the Sequence Listing submitted herewith. Please replace the copy of the computer readable form of the Sequence Listing filed on March 5, 2004, with the substitute copy of the computer readable form of the Sequence Listing provided with this communication. The undersigned hereby states that the content of the enclosed substitute sheets of the paper copy of the Sequence Listing, and the content of the enclosed substitute computer readable form of the Sequence Listing, are identical.

In the event the U.S. Patent and Trademark Office determines that an extension and/or other relief is required, Applicant petitions for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing docket no. **543312000420**. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: May 23, 2005

Respectfully submitted,

By 
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